



# Recombinant Chicken Coatomer subunit epsilon (COPE)

<b>Product Code</b>	CSB-EP719988CH
<b>Abbreviation</b>	COPE
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5ZIK9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASGAGAGPA GQGGEADELF DVKNSFYIGA YQAAINEAQR IKPSNPEKET ERDVFLFRSY IAQRKYGVVL DEIKANASPE LQAVRMFAEY LSNESQRDAI VADLDKMAK SVDVANTTFL LMAASIYFHD KNPDAALRTL HQGESLECMA MMIQILLKLD RLDLARKELK KMQEDEDAT LTQLATAWVN LAIGGEKLQD AYYIFQEMAD KCSSTLLLLN GQAACYMAQG KWDDAEGVLQ EALDKDSGHP ETLINFVVLV QHLGKPPEVT NRYLSQLKDA HKNHPFIKEY QAKENDFDRL AMQYAPSA
<b>Source</b>	E.coli
<b>Target Names</b>	COPE
<b>Protein Names</b>	Recommended name: Coatomer subunit epsilon Alternative name(s): Epsilon-coat protein Short name= Epsilon-COP
<b>Expression Region</b>	1-308
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	The product of this gene is an epsilon subunit of coatomer protein complex. Coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles. It is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. Coatomer complex consists of at least the alpha, beta, beta, gamma, delta, epsilon and zeta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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